

## **Specific features of bird community formation depending on the degree of anthropogenic impact**

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### **Abstract**

The population density and relative abundance of some bird species reach the highest values in the communities of habitats with a high degree of anthropogenic transformation. The species diversity of birds shows an inverse correlation with the index of anthropogenic impact (in grades) calculated with regard to a number of parameters. Relevant correlations change periodically, with the correlation coefficient reaching the highest values in the nesting period and decreasing to a minimum during the flight period. © 2008 MAIK Nauka.

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### **Keywords**

Anthropogenic impact, Bird fauna, Correlation, Species diversity